

1c Miniature Type 1c 小型類型

OKITA

1c · Reed Relay 1c · 干簧繼電器

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Part Number / Feature 品名 / 特長

• HF-1C-**-**

Coil Voltage 線圈電壓

- It is transfer-contact relay with Contact Rating 3W. It is miniature type and has not electrostatic shield. It is cost effective type. Since magnetic shield is provided, adjacent mounting is possible. A special socket is prepared (Refer to 140-143 page).
- 此為接點額定 10W 的切換繼電器。超小型無靜電遮蔽接地類型，是 Low Cost 類型。另添加磁氣遮蔽接地，可緊密組裝。另備有專門插座。（請參照 140-143 頁）



Performance 性能

Specifications 規格	Item 項目	Standard 規格
Contact Specifications 接點規格	Contact Form 接點型式	1c (transfer)
	Contact Rating 接點額定	3 W
	Max. Switching Voltage 最大切換電壓	DC.30V
	Max. Switching Current 最大切換電流	0.1A
	Max. Carry Current 最大通電電流	0.5A
	Contact Resistance 接點接觸阻抗	200m Ω MAX. (Initial)
Electrical Specifications 電氣規格	Breakdown Voltage 耐電壓	Between contacts DC.200V Contacts to coil DC.200V Contacts to shield DC.200V Coil to shield DC.200V
	Insulation Resistance 絕緣阻抗	Between all isolated pins 1X10 ¹⁰ Ω MIN. (DC.100V)
	Capacitance 靜電容量	Across Open contacts 1.5pF Typ.
	Thermal Electromotive Force 熱起電力	50μV MAX.
	Operate Time 動作時間	(incl. bounce) 1.5mS MAX. (at Nominal Voltage)
	Release Time 釋放時間	(incl. bounce) 2.0mS MAX. (at Nominal Voltage)
Mechanical Specifications 機械規格	Vibration 耐振動	20G (0~2KHz, 1.5mm)
	Shock 耐衝擊	30G (11mS, 1/2 Sin Wave)
Environmental 環境	Operating Temperature 使用周圍溫度	-10°C ~ +60°C
	Storage Temperature 保存周圍溫度	-30°C ~ +80°C
Life Expectancy 壽命	Mechanical 機械的	5X10 ⁷ MIN. Operations

Coil Specifications 線圈規格

Part Number 品名	Nominal Voltage DC ± 10%[V] 額定電壓	Coil Resistance ± 10%[Ω] at 20°C 線圈電阻	Nominal Current [mA] at 20°C 額定電流	Must-Operate Voltage MAX.[V] at 20°C 啟動電壓
HF-1C-12	12	400	30.0	8.5
HF-1C-05	5	160	31.3	3.75

Dimensions / Terminal Identification (Unit:mm) 外型尺寸圖 / 結線圖 (單位:毫米)

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